

CLAIMS:

1. A medical image processing method of processing image  
data representing an image obtained by radiography and read  
by an image reading apparatus, said method comprising the steps  
5 of:

receiving the image data and photographing condition when  
the image is obtained;

executing image processing of the image data;

reading output-format control information corresponding  
10 to the photographing condition from a predetermined set of  
output-format control information to be used to control an  
image format when the image is output on a film; and

constructing layout of the image to be output on the basis  
of the read output-format control information.

15 2. A medical image processing method according to claim 1,  
wherein said photographing condition is determined in  
accordance with a portion to be photographed.

3. A medical image processing method according to claim 1,  
further comprising the steps of:

20 storing the read output-format control information as  
image attendant information of the image data; and

outputting one of the image after the image processing  
and the image constructed in the layout based on the image  
attendant information in accordance with a user's instruction.

25 4. A medical image processing method according to claim 1,

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further comprising a step of:

previewing and adjusting an image to be output on the film.

5. A medical image processing method according to claim 1,  
wherein said output-format control information includes

5 information to be used to control at least one of an output  
position, a position adjustment, an output size, a rotating  
state and an inverting state of the image.

6. A medical image processing apparatus for processing image  
data representing an image obtained by radiography and read

10 by an image reading apparatus, said apparatus comprising:

means for receiving the image data and photographing  
condition when the image is obtained;

means for executing image processing of the image data;  
and

15 means for reading output-format control information  
corresponding to the photographing condition from a  
predetermined set of output-format control information to be  
used to control an image format when the image is output on  
a film.

20 7. A medical image processing apparatus according to claim  
6, further comprising:

means for constructing layout of the image to be output  
on the basis of the read output-format control information.

8. A medical image processing apparatus according to claim

25 7, further comprising:

means for storing the read output-format control  
information as image attendant information of the image data;  
and

means for outputting one of the image after the image  
5 processing and the image constructed in the layout based on  
the image attendant information in accordance with a user's  
instruction.

9. A medical image processing apparatus according to claim  
6, further comprising:

10 means for storing the read output-format control  
information as image attendant information of the image data;  
and

means for outputting the image data and the image  
attendant information.

15 10. A medical image processing apparatus according to claim  
7, wherein said photographing condition is determined in  
accordance with a portion to be photographed.

11. A medical image processing apparatus according to claim  
9, wherein said photographing condition is determined in  
20 accordance with a portion to be photographed.

12. A medical image processing apparatus according to claim  
7, further comprising:

means for previewing and adjusting an image to be output  
on the film.

25 13. A medical image processing apparatus according to claim

9, further comprising:

means for previewing and adjusting an image to be output on the film.

14. A medical image processing apparatus according to claim

5 7, wherein said output-format control information includes information to be used to control at least one of an output position, a position adjustment, an output size, a rotating state and an inverting state of the image.

15. A medical image processing apparatus according to claim

10 9, wherein said output-format control information includes information to be used to control at least one of an output position, a position adjustment, an output size, a rotating state and an inverting state of the image.

16. A medical image processing apparatus comprising:

15 means for constructing layout of an image to be output on the basis of input image data and image attendant information; and

means for outputting the image constructed in said layout.